

**Dale Haines** Operations Manager

SCANNED

9012/22

Union Oil Company of California 3800 Centerpoint Drive Suite 100 Anchorage, Alaska 99503 Tel 907 263 7951 Fax 907 263 7698 Email daleah@chevron.com

December 17, 2010

RECEIVED

Mr. Chae Park U.S. Environmental Protection Agency Region 10, Water Compliance Section 1200 Sixth Avenue, OW-133 Seattle, WA 98101

DEC 2 2 2010

DEC
Division of Water Quality
Wastewater Discharge Program

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6085 9189

Re:

NPDES Permit No. AKG-31-5001

Granite Point Tank Farm November 2010 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the November 2010 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm. The discharge of produced water recommenced on May 23, 2010.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Granite Point Tank Farm attached to this letter.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at <a href="mailto:mmjones@chevron.com">mmjones@chevron.com</a>.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards.

**Dale Haines** 

cc: ADEC / Certified Mail 91 7108 2133 3938 6085 9196

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY:

**GRANITE POINT TANK FARM** 

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

**MONITORING PERIOD** MM/DD/YYYY MM/DD/YYYY 11/01/2010 TO 11/30/2010

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN	TITY OR LOADING	3		QUALITY OR CON	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EA		"""
рН	SAMPLE MEASUREMENT				6.7		6.9	su	0	Weekly	GRAB
00400 V 0 See Comments	PERMIT REQUIREMENT				6 MINIMUM	••••••••••••••••••••••••••••••••••••••	9 MAXIMUM	SU		Monthly	GRAB
рН	SAMPLE MEASUREMENT	*****			NA		NA NA	NA	NA	NA	NA NA
00400 W 0 See Comments	PERMIT REQUIREMENT				6 MINIMUM	ing ( <b>*****</b> (A)	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT				•••••	NA NA	NA	NA	NA	NA	NA
03582 T 0 See Comments	PERMIT REQUIREMENT					29 MO AVG	42 DAILY MX	ug/L	2017 ST	Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT					15	19	ug/L	0	Weekly	COMP24
03582 U 0 See Comments	PERMIT REQUIREMENT		••••		•	29 MO AVG	42 DAILY MX	ug/L		Weekly	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.018208	0.037884	Mgal/d	•••••	*****	•••••		NA	Monthly	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	••••					Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT		NA NA	NA			*****		NA	NA	NA.
79834 1 0 Effluent Gross	PERMIT REQUIREMENT		Req. Mon. MO TOTAL	occur/mo			*****			Daily	VISUAL

tify under penalty of law that this document and all attachments over proposed under any direction or supervision wheree with a system designed to assume that qualified personnel property gather and evaluate the information		TEL	EPHONE	DATE
mitted. Dated on my imprity of the person or persons who converge the system, or those persons directly responsible for using the information, the information admitted is, to the best of my knowledge and belief, two, accurate, and pints: I are sweet that there are a considerant numbers for administrate falls information, section, and the condition of manifests for administrate falls information, section, and the condition of the contract falls information.		(907)	276-7600	11/17/2010
reprintmentant for knowing violations.		AREA Code	NUMBER	MM/DD/YYYY
1111	hence with a system designed to assume that qualified personnel properly gather and evaluate the information tile. Hand on my inquiry of the person or persons who manage the system, or these persons directly responsible for ring the information, the information automated is, to the last of the base-sleep and belank two, accurate, and take. I am sweet that there are significant possibles for estimating false information, including the possibility of the approximant for knowing violations.	there with a system designed to assure that qualified presented property gather and evaluate the information like. Hased on my imprite of the present or present who interege the system, or these persons objectly responsible for ring the information, the information animation is, to the less of my lamestage and belief than, account, and that I am sweet that there are significant possible for enhancing this information, including the possibility of fine SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	there with a system designed to some that qualified personant property gither and evaluate the indistruction title. Thand on my inquiry of the person or persons who canage the replant, or those persons or private, and former persons advantaged by the information orderation, the information and minimals is, to the best of my bearinging and belieful two, resonants, and that, I am average that there are significant possible for episodesius for e	there with a system designed to assume that qualified presented property gather and evaluate the information.  If the control on specify of the present or present who incompted the property of the present of present who integrated the property of the present of present who integrated to present the present of the present of present the present of present the present of present the present of present the present of the prese

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSITE SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY:

GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 11/01/2010 11/30/2010 то

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUANT	TITY OR LOADING	3	d	QUALITY OR CON	CENTRATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			TIPE
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT					No Sample	No Sample	mg/L	NA	Quarterly	GRAB
00610 1 0 Effluent Gross	PERMIT REQUIREMENT					Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT					2	2	ug/L	0	Monthly	GRAB
01079 1 0 Effluent Gross	PERMIT REQUIREMENT			-		37 MO AVG	74 DAILY MX	ug/L		Monthly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT				******	NA NA	NA	NA	NA	NA	NA
01079 P 0 See Comments	PERMIT REQUIREMENT		Number of the second			37 MO AVG	74 DAILY MX	ug/L	S) E()	Quarterly	CALCTD
Silver total recoverable	SAMPLE MEASUREMENT				•••••	NA .	NA	NA	NA	NA	NA
01079 Q 0 See Comments	PERMIT REQUIREMENT				****	37 MO AVG	74 DAILY MX	ug/L	7	Weekly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT		*****		•••••	0.1	0,1	mg/L	0	Monthly	GRAB
01094 1 0 Effluent Gross	PERMIT REQUIREMENT			-		1.5 MO AVG	3,1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT				•••••	NA NA	NA	NA	NA	NA .	NA
01094 P 0 See Comments	PERMIT REQUIREMENT				****	1.5 MO AVG	3.1 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	•••••			*****	NA	NA	NA	NA	NA .	NA
01094 Q 0 See Comments	PERMIT REQUIREMENT	*****				1.5 MO AVG	3.1 DAILY MX	mg/L		Quarterly	GRAB

THE PROPERTY OF THE PROPERTY O	Secondaries with a system imaginal to amore that qualified presumed properly gather and evaluate the information		TEL	EPHONE	DATE
anni sagari, derietai wanager	substituted. Distance on two inspirity of this persons or pursuans who assumings the systems, or three pursuan absorbly conjunction in admitted in , to the load of two favorshings and build, from, accounts, and complete. If an account that the complete in an account that the complete in the account that the account that the account that the account the account that the account that the account that the account the account that the account the account that the account the account the account the account that the account that the account that the account that the account the account that the account the account that the account the account the account that the account the account the account that the account that the account that the account that the account the acco		(907)	276-7600	11/17/2010
TYPED OR PRINTED	and imprimentant for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

ENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.) Q=MONT INCREASE (II.G.6.a.2.) R=ACCELERATED TESTING (III.A.7)

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY:

GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUANT	TITY OR LOADING	G		QUALITY OR CON	CENTRATION	_ 58	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	LA		TIPE
Copper, total recoverable	SAMPLE MEASUREMENT				·	5	5	ug/L	0	Monthly	GRAB
01119 1 0 Effluent Gross	PERMIT REQUIREMENT				•	67 MO AVG	130 DAILY MX	ug/L		Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	E	-			NA	NA	NA	NA	NA	NA
01119 P 0 See Comments	PERMIT REQUIREMENT					87 MO AVG	130 DAILY MX	ug/L		Quarterly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT		3 - <b></b> ]			NA	NA	NA .	NA	NA NA	NA
01119 Q 0 See Comments	PERMIT REQUIREMENT					67 MO AVG	130 DAILY MX	ug/L	0.0.31	Weekly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT					0.1	0.1	mg/L	0	Monthly	GRAB
11123 1 0 Effluent Gross	PERMIT REQUIREMENT		•	-		6.1 MO AVG	12.3 DAILY MX	mg/L	107	Monthly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	(				NA NA	NA NA	NA	NA	NA.	NA
11123 P 0 See Comments	PERMIT REQUIREMENT				•••••	6.1 MO AVG	12.3 DAILY MX	mg/L		Quarterly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT					NA	NA NA	NA	NA.	NA	NA.
11123 Q 0 See Comments	PERMIT REQUIREMENT		-			6.1 MO AVG	12.3 DAILY MX	mg/L	4 3	Weekly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	M				10	10	mg/L	0	Monthly	GRAB
39942 1 0 Effluent Gross	PERMIT REQUIREMENT	•			••••	14 MO AVG	20 DAILY MX	mg/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I netify under prosity of less that the thousand and all attachments were propored under my direction or reportsoon accordance with a system designed to assess that qualified prevented properly gather and evaluate the information		751	EDUCATE T	
John Zager, General Manager Mid Continent/Alaska Business Unit	minimized Blanck on my impuly of the person or persons who manage the system, or them passens density responsible for gathering the influences, the influencies authoritate is, to the best of my knowledge and build, two, someted, and compiles. I am one that them are a significant possible for advanting their information, including the prombitity of fine			276-7600	DATE
TYPED OR PRINTED	and imprisonment for investig violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	, , , , ,		11/17/2010
MMENTS AND EXPLANATION OF ANY VIOLATIONS	(6.4	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.)
Q=MONT INCREASE (II.G.6.a.2.)
R=ACCELERATED TESTING (III.A.7)

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

**ANCHORAGE, AK 99519-6247** 

FACILITY:

**GRANITE POINT TANK FARM** 

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 11/01/2010 11/30/2010 TO

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN	TITY OR LOADING	3		QUALITY OR COM	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
TVENE 524 ex.		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			ITPE
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	4. <b></b>			•••••	NA	NA	NA	NA	NA NA	NA
39942 P 0 See Comments	PERMIT REQUIREMENT					14 MO AVG	20 DAILY MX	mg/L	6	Quarterly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT		E		••••	NA.	NA	NA	NA	NA	NA
39942 Q 0 See Comments	PERMIT REQUIREMENT					14 MO AVG	20 DAILY MX	mg/L		Weekly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	····		*****		10	10	mg/L	0	Monthly	GRAB
50259 1 0 Effluent Gross	PERMIT REQUIREMENT					Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****		T	•••••	NA	NA	NA.	NA	NA	NA
50259 P 0 Effluent Gross	PERMIT REQUIREMENT					Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT					NA	NA NA	NA	NA	NA	NA
50259 Q 0 Effluent Gross	PERMIT REQUIREMENT	******				Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	GRAB
Mercury, total (as Hq)	SAMPLE MEASUREMENT			T		0.2	0.2	mg/L	0	Monthly	GRAB
71900 1 0 Effluent Gross	PERMIT REQUIREMENT			-		3.1 MO AVG	7.9 DAILY MX	ug/L		Monthly	GRAB
Mercury, total (as Hg)	SAMPLE MEASUREMENT	)			******	NA NA	NA NA	NA	NA	NA .	NA.
71900 P 0 See Comments	PERMIT REQUIREMENT		••••			3.1 MO AVG	7.9 DAILY MX	ug/L	Turk E	Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I metily native penalty of ions that this document and all utadements were prepared under may describe or requestions accordance with a system designed to some that qualified personnel property gather and evaluate the information		751	EPHONE		
	estantial. Bland on my impuly of the passes or previous who manage the system, or those parsons already responsible for gathering the adversals, the internations adventated in to the loss of my handedge and build, two, narrante, and magnitude. It are never that there are significant permitted for international place and managed the controlled of the probability of the				DATE	
TYPED OR PRINTED	and imprisonment for knowled violations	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER			11/17/2010	
MMENTS AND EXPLANATION OF ANY VIOLATIONS	(Perference of the Control of the Co	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY	

P=MONT. REDUCE (II.G.6.a.1.) Q=MONT INCREASE (II.G.6.a.2.) R=ACCELERATED TESTING (III.A.7)

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME:

UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY:

GRANITE POINT TANK FARM

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315001 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 11/01/2010 TO 11/30/2010

DMR Mailing ZIP CODE: 99519

MINOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN	TITY OR LOADIN	G		QUALITY OR CO	CENTRATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	T	EX	OF ANALTSIS	TYPE
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****				NA NA	NA NA	UNITS	NA	NA NA	
71900 Q 0 See Comments	PERMIT REQUIREMENT	*****				3.1	7.9	ug/L	INA		NA
Toxicity, Chronic* SAMPLI Dendraster excentricus MEASUREN	SAMPLE MEASUREMENT	******	*****			MO AVG	DAILY MX			Weekly	GRAB
TT000 1 0 See Comments	PERMIT		*****	******	*****	1341	625	TUc	0	Quarterly	GRAB
Toxicity, Chronic*	REQUIREMENT					MO AVG**	2691 DAILY MX**	toxic		See Permit	GRAB
Menidia berytlina TT000 1 0	MEASUREMENT	*****		*****		No Sample	No Sample	TUc	NA	Annual	GRAB
e Comments REQUIREMENT	PERMIT REQUIREMENT	••••	777		,,,,,,	1341	2691	toxic		7.17.11VC251/	tellulou
Toxicity, Chronic* Mytilus galloprovincialis	SAMPLE MEASUREMENT			T		MO AVG** No Sample	No Sample	-		See Permit	GRAB
IT000 1 0 See Comments	PERMIT REQUIREMENT			*****		1341	2691	TUc	NA	Annual	GRAB
Foxicity, Chronic*	SAMPLE MEASUREMENT		******			MO AVG**	DAILY MX**			See Permit	GRAB
TT000 R 0	PERMIT	******	******		*****	NA	NA	NA:	NA	NA	NA
See Comments  Toxicity, Chronic	REQUIREMENT					1341 MO AVG	2691 DAILY MX	toxic		See Permit	GRAB
	SAMPLE MEASUREMENT	•		*****		NA	NA .	NA NA	NA	NA .	
T000 Q 0 Effluent Gross	PERMIT REQUIREMENT				****	1341 MO AVG	2691 DAILY MX	toxic	130	See Permit	NA GRAB

AME/TITLE PRINCIPAL EXECUTIVE OFFICER John Zager, General Manager	commence with a cyclem designed to assure that qualified personnel properly gather and evaluable the information resimilated. Based on my impury of this person is prompt who menting the system, or these persons directly responsible for gathering the information, the information submitted is not been formative than persons directly responsible for		TE	LEPHONE	DATE
TYPED OR PRINTED	and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	11/17/2010
MMENTS AND EXPLANATION OF ANY VIOLATIONS anite Point Tank Farm conducted its quarterly WF	(Reference all attachments here)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

\*Granite Point Tank Farm conducted its quarterly WET testing in June and its annual three species WET testing in August 2010. Fourth quaerter WET testing was conducted in October 2010 but the results were not available at "Section II.F.4 of the permit.

P=MONT. REDUCE (II.G.6.a.1.)

Q=MONT INCREASE (II.G.6.a.2.)

R=ACCELERATED TESTING (III.A.7)